

AMENDMENTS TO THE CLAIMS

Please amend claims 1-4, 6-8, 17, 18, and 20-31 as follows:

1. (Currently Amended) An anode for a secondary battery comprising:
an anode active material layer which absorbs and ~~discharge~~ discharges lithium ions;
~~wherein~~ said anode active material layer comprising ~~includes~~:
a first layer, ~~of which a chief ingredient is~~ comprising carbon as a chief ingredient;[[,]] and
a second layer comprising, ~~said second layer includes~~:
at least one first element ~~which has~~ having a theoretical capacity greater larger than [[that]] a theoretical capacity of graphite; and[[,]]
at least one second element ~~which has~~ having a theoretical capacity equal to or less than the theoretical capacity of graphite, [[and]] said at least one second element [[is]] comprising at least one element selected from [[a]] the group consisting of C and Fe.
2. (Currently Amended) An anode for a secondary battery comprising:
an anode active material layer which absorbs and ~~discharge~~ discharges lithium ions;
~~wherein~~ said anode active material layer comprising ~~includes~~:
a first layer, ~~of which a chief ingredient is~~ comprising carbon as a chief ingredient;[[,]] and
a second layer comprising, ~~said second layer includes~~:
at least one first element ~~which has~~ having a theoretical capacity greater larger than [[that]] a theoretical capacity of graphite; and[[,]]
at least one second element which has a theoretical capacity equal to or less than the theoretical capacity of graphite,

wherein said second layer includes particles, and said particles ~~[[have]]~~ include said first element and said second element.

3. (Currently Amended) The anode for the secondary battery according to claim 2, wherein surfaces of said particles ~~having~~ includes said first element are coated with said second element.

4. (Currently Amended) The anode for the secondary battery according to claim 2, wherein surfaces of said particles ~~having~~ includes said second element are coated with said first element.

5. (Original) The anode for the secondary battery according to claim 2, wherein said particles are formed by any of a CVD method, a deposition method, a sputtering method, a mechanical milling method and a mechanical alloy method.

6. (Currently Amended) The anode for the secondary battery according to claim 2, wherein said second element ~~[[is]]~~ comprises at least one element selected from ~~[[a]]~~ the group consisting of C, Fe and Cu.

7. (Currently Amended) The anode for the secondary battery according to claim 2, wherein said first element ~~[[is]]~~ comprises at least one element selected from ~~[[a]]~~ the group consisting of Si, Ge, Sn, Al, Pb, Pd, Ag, In and Cd.

8. (Currently Amended) The anode for the secondary battery according to claim 2, further comprising:

a layer ~~composed of~~ comprising Li or a Li compound.

9. (Original) The anode for the secondary battery according to claim 8, wherein said Li compound includes LiF or Li₂O.
10. – 16. (Canceled).
17. (Currently Amended) The anode for the secondary battery according to claim 6, wherein said first element ~~[[is]]~~ comprises at least one element selected from ~~[[a]]~~ the group consisting of Si, Ge, Sn, Al, Pb, Pd, Ag, In and Cd.
18. (Currently Amended) The anode for the secondary battery according to claim 17, further comprising:
a layer ~~composed of~~ comprising Li or a Li compound.
19. (Previously Presented) The anode for the secondary battery according to claim 18, wherein said Li compound includes LiF or Li₂O.
20. (Currently Amended) The anode for the secondary battery according to claim 1, wherein said first element ~~[[is]]~~ comprises at least one element selected from ~~[[a]]~~ the group consisting of Si, Ge, Sn, Al, Pb, Pd, Ag, In, and Cd.
21. (Currently Amended) The anode for the secondary battery according to claim 20, further comprising~~[[:]]~~ a layer comprising one of ~~composed of~~ Li ~~[[or]]~~ and Li compound.
22. (Currently Amended) The anode for the secondary battery according to claim 21, wherein said Li compound ~~includes~~ comprises one of LiF ~~[[or]]~~ and Li₂O.

23. (Currently Amended) The anode for the secondary battery according to claim 1, further comprising[[:]] a third layer comprising one of ~~composed of~~ Li [[or]] and Li compound.
24. (Currently Amended) The anode for the secondary battery according to claim 23, wherein said Li compound ~~includes~~ comprises one of LiF [[or]] and Li₂O.
25. (Currently Amended) The anode for the secondary battery according to claim 23, further comprising[[:]] a fourth layer ~~which has~~ comprising a lithium ion conductive property.
26. (Currently Amended) The anode for the secondary battery according to claim 25, wherein said fourth layer ~~having the lithium ion conductive property~~ is formed between said first layer and said third layer ~~composed of Li or Li compound~~.
27. (Currently Amended) The anode for the secondary battery according to claim 25, wherein said fourth layer ~~having the lithium ion conductive property is composed of~~ comprises materials selected from [[a]] the group consisting of[[:]] Si, Sn, DLC, a Li₂O-SiO₂ based compound, a Li₂O-B₂O₃-SiO₂ based compound, a Li₂O-B₂O₃-P₂O₅ based compound, a Li₂O-WO₃ based compound, a Li₂O-P₂O₅-SiO₂ based compound, and a Li₂O-B₂O₃ based compound.
28. (Currently Amended) The anode for the secondary battery according to claim 1, wherein a volume A of said at least one first element and a volume B of said at least one second element satisfy $0.001 \leq B/(A+B) \leq 0.5$.
29. (Currently Amended) The anode for the secondary battery according to claim 1, further comprising[[:]] a collector, ~~wherein said collector is placed~~ adjacent ~~adjacently~~ to said first layer.

30. (Currently Amended) The anode for the secondary battery according to claim 1, further comprising~~[[:]]~~ a collector, ~~wherein said collector is placed~~ adjacent ~~adjacently~~ to said second layer.

31. (Withdrawn – Currently Amended) A secondary battery comprising:
an anode for a secondary battery;
a cathode which absorbs and discharges lithium ions; and
an electrolyte which is placed between said anode for the secondary battery and said cathode,

wherein said anode for the secondary battery comprises ~~includes~~ an anode active material layer which absorbs and discharges lithium ions, said anode active material layer comprising ~~includes~~:

a first layer, ~~of which a chief ingredient is~~ comprising carbon as a chief ingredient;[[,]] and

a second layer comprising, ~~said second layer includes~~:

at least one first element ~~which has~~ having a theoretical capacity greater ~~larger~~ than [[that]] a theoretical capacity of graphite; and[[,]]

at least one second element ~~which has~~ having a theoretical capacity equal to or less than the theoretical capacity of graphite, [[and]] said at least one second element [[is]] comprising at least one element selected from [[a]] the group consisting of C and Fe.

32. (Withdrawn – Previously Presented) A secondary battery comprising:
an anode for a secondary battery;
a cathode which absorbs and discharges lithium ions; and

an electrolyte which is placed between said anode for the secondary battery and said cathode,

wherein said anode for the secondary battery includes:

an anode active material layer which absorbs and discharges lithium ions, said anode active material layer includes:

a first layer, of which a chief ingredient is carbon, and

a second layer, said second layer includes:

at least one first element which has a theoretical capacity larger than that of graphite,

at least one second element which has a theoretical capacity equal to or less than the theoretical capacity of graphite, and said second layer includes particles, and said particles include said first element and said second element.